

[54] PROGRAMMABLE TELEVISION GAME SYSTEM

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[58] Field of Search 340/324 A, 324 AD; 331/1 R, 108 B; 273/DIG. 28

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[57]

ABSTRACT

A television game system is provided wherein a modular unit may be connected to a standard television receiver for the generation, display and control of symbols or geometric figures on the television screen to allow one or several players to participate in a game in which the action is presented on the screen. The modular unit is programmable whereby several different games may be played selectively with the same unit, allowing flexibility in the range of operation of the unit as well as the television receiver. The level of complexity of the games can be adjusted to each player's ability whereby players of different ability can play each other on a competition basis. The system includes circuit components such as a light pen for providing positional information of a symbol on the screen, one or more control units used to control symbols on display and also to send other control information to a computer, a display module which not only generates geometric symbols but formats the video information in such a way that it may be connected to different television receivers and each receiver will show a different aspect of the game or a completely different game.

3 Claims, 12 Drawing Figures

